



# SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

COIMBATORE-35

## DEPARTMENT OF MECHATRONICS ENGINEERING



### Question Bank

#### Unit I

1. Outline the classification of CNC machines with examples
2. Extend Automatic Tool Changer Mechanism in lathe
3. Elaborate 6-axis machining center in automobile applications with a block diagram
4. Illustrate the evolution of CNC Machines along with the advantages and applications
5. Enumerate the different types of control systems in CNC machine tools
6. Survey about 5-axis machining center in aerospace applications with a block diagram

#### Unit II

1. Discuss the structural considerations in CNC Machine building with block diagram
2. Analyze the design considerations of CNC machine tool
3. Recall the types of guide ways in CNC lathe machine
4. Elaborate the structural considerations in CNC Machine building with a neat block diagram
5. Analyze the configuration and design considerations of CNC machine tool
6. Categorize the types of guide ways in CNC lathe machine